

## Foreman - Bug #14239

### Creating a host via API fails with cryptic error when no primary interface is set explicitly

03/16/2016 12:51 PM - Ivan Necas

|  |                                    |
|--|------------------------------------|
| <b>Status:</b> Closed  |                                    |
| <b>Priority:</b> Normal  |                                    |
| <b>Assignee:</b> Tom Caspy   |                                    |
| <b>Category:</b> Compute resources   |                                    |
| <b>Target version:</b> 1.11.1  |                                    |
| <b>Difficulty:</b>   | <b>Fixed in Releases:</b>          |
| <b>Triaged:</b>  | <b>Found in Releases:</b>          |
| <b>Bugzilla link:</b>  | <b>Red Hat JIRA:</b>               |
| <b>Pull request:</b> <a href="https://github.com/theforeman/foreman/pull/3339">https://github.com/theforeman/foreman/pull/3339</a>   |                                    |
| <b>Description</b>   |                                    |
| when running   |                                    |
| <pre>bundle exec bin/hammer host create --hostgroup=abcde --compute-resource='abcde ovirt' --name inecas-test-1 --location Default_Location \                                      --organization Default_Organization1 --interface='compute_name=eth0,compute_network=d3e5f222-1ece-4d77-bc18-98b0937e72bf'</pre>   |                                    |
| which causes this params to be sent to the API host controller:  |                                    |
| <pre>{"host"=&gt;{"name"=&gt;"inecas-test-1", "location_id"=&gt;2, "organization_id"=&gt;1, "compute_resource_id"=&gt;3, "hostgroup_id"=&gt;3, "build"=&gt;true, "enabled"=&gt;true, "managed"=&gt;true, "compute_attributes"=&gt;{"volumes_attributes"=&gt;{}}, "overwrite"=&gt;true, "host_parameters_attributes"=&gt;{}, "interfaces_attributes"=&gt;[{"compute_attributes"=&gt;{"name"=&gt;"eth0", "network"=&gt;"d3e5f222-1ece-4d77-bc18-98b0937e72bf"}]}, "apiv"=&gt;"v2"}</pre> |                                    |
| Ends up with error `Failed to create a compute abcde ovirt (oVirt) instance inecas-test-1.inecas.ovirt.test: Network not found in cluster`   |                                    |
| After debugging, it turns out the host is created with two interfaces, one corresponding to the params from the UI, while another one is build by default <a href="https://github.com/theforeman/foreman/blob/1.11.0-RC2/app/models/host/base.rb#L104">https://github.com/theforeman/foreman/blob/1.11.0-RC2/app/models/host/base.rb#L104</a>  |                                    |
| A workaround is to set `primary=true` as interface like this:  |                                    |
| <pre>bundle exec bin/hammer host create --hostgroup=abcde --compute-resource='abcde ovirt' --name inecas-test-1 --location Default_Location \                                      --organization Default_Organization1 --interface='compute_name=eth0,compute_network=d3e5f222-1ece-4d77-bc18-98b0937e72bf,primary=true'</pre>  |                                    |
| Expected result:   |                                    |
| When no primary interface is set, the first one is considered as the one (consistent with the UI)  |                                    |
| <b>Related issues:</b>   |                                    |
| Related to Foreman - Bug #14264: Getting 500 when creating host through API a...   | <b>Closed</b> <b>03/18/2016</b>    |
| Related to Hammer CLI - Bug #13927: Specifying provision and primary flags sh...   | <b>Closed</b> <b>02/27/2016</b>    |
| Has duplicate Foreman - Bug #13982: API description for creating hosts incorr...   | <b>Duplicate</b> <b>03/01/2016</b> |

#### Associated revisions

##### Revision 38d9333f - 03/18/2016 05:15 AM - Tom Caspy

fixes #14239 - when creating host from API, set first interface as primary if none set

##### Revision e83f4d7f - 04/18/2016 01:45 PM - Tom Caspy

fixes #14239 - when creating host from API, set first interface as primary if none set

(cherry picked from commit [38d9333f8e82e45fc6771ea7740e6ea625b97d3f](https://github.com/foreman/foreman/commit/38d9333f8e82e45fc6771ea7740e6ea625b97d3f))

## History

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### #1 - 03/16/2016 12:53 PM - Ivan Necas

- Description updated

### #2 - 03/17/2016 10:02 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Tom Caspy

- Pull request <https://github.com/foreman/foreman/pull/3339> added

### #3 - 03/18/2016 05:18 AM - Dominic Cleal

- Has duplicate Bug #13982: API description for creating hosts incorrectly lists "interfaces\_attributes"s "primary" as optional added

### #4 - 03/18/2016 06:02 AM - Tom Caspy

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [38d9333f8e82e45fc6771ea7740e6ea625b97d3f](https://github.com/foreman/foreman/commit/38d9333f8e82e45fc6771ea7740e6ea625b97d3f).

### #5 - 03/18/2016 06:44 AM - Dominic Cleal

- translation missing: en.field\_release set to 141

### #6 - 03/18/2016 07:50 AM - Dominic Cleal

- Related to Bug #14264: Getting 500 when creating host through API and not specifying any interface attributes added

### #7 - 03/18/2016 10:15 AM - Dominic Cleal

- Related to Bug #13927: Specifying provision and primary flags should not be mandatory added